

# Comparisons of Job Characteristics

**Focus Occupation:** Automotive Service Technicians and Mechanics (49-3023)

**Associated Occupation:** Automotive Glass Installers and Repairers (49-3022)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation:** Automotive Service Technicians and Mechanics (49-3023)

**Associated Occupation:** Automotive Glass Installers and Repairers (49-3022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	16.7	20.8	>>	Current knowledge level is likely more than sufficient
Customer and Personal Service	11.3	16.2	15.1	0	Current knowledge level may be sufficient
Administration and Management	8.4	12.9	9.9	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.2	6.0	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.0	6.9	<<	Extensive education and/or training may be required
Transportation	4.6	8.5	6.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 40

**Focus Occupation:** Automotive Service Technicians and Mechanics (49-3023)

**Associated Occupation:** Automotive Glass Installers and Repairers (49-3022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Equipment Selection	3.3	7.5	9.4	>	Skill level is likely sufficient
Installation	1.7	7.5	6.4	<	A higher skill level may be required
Repairing	3.4	6.7	12.7	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 83			
Focus Occupation: Automotive Service Technicians and Mechanics (49-3023) Associated Occupation: Automotive Glass Installers and Repairers (49-3022)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	9.1	14.4	>>	Current ability level is likely more than sufficient
Glare Sensitivity	2.6	6.6	5.2	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 84
<b>Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)</b> <b>Associated Occupation: Automotive Glass Installers and Repairers (49-3022)</b>		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Apply filler substances to dents in vehicle bodies	92	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Maintain repair records	65	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read vehicle manufacturer's specifications	76	
Read work order, instructions, formulas, or processing charts	9	
Repair or replace malfunctioning or worn mechanical components	62	
Stock or organize goods	70	
Understand service or repair manuals	40	
Use hand or power tools	2	
Use oral or written communication techniques	1	
Use pneumatic tools	66	
Use precision measuring devices in mechanical repair work	61	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 79

**Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)**  
**Associated Occupation: Automotive Glass Installers and Repairers (49-3022)**

Tools and Technologies	Exclusivity
Body tools	70
Business function specific software	1
Compressors	9
Computers	1
Cutting and crimping and punching tools	3
Cutting tools	18
Data management and query software	1
Dispensing tools	6
Electrical measuring and testing equipment	7
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Holding and clamping tools	3
Lifting equipment and accessories	3
Machine tools	7
Marking tools	11
Measuring and layout tools	3
Power tools	2
Prying and bending tools	10
Rough and finishing tools	5
Safety apparel	4
Soldering and brazing and welding machinery and supplies	6
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.